

In the Claims:

A1
1. (Amended) An electrical machine comprising:
a stator core having slots;
a rotor having a brush electrically coupled thereto;
a set of windings, each of said windings disposed within a plurality of slots,
said set of windings having $2N+1$ phases where N is an integer greater than 1.

A2
11. (Amended) An alternator for an automotive vehicle comprising:
a housing;
a rotor rotatably disposed within said housing having a brush coupled thereto;
a stator core disposed within said housing adjacent to said rotor, said stator
core having a plurality of slots; and
a set of windings disposed within said slots so that each of said set of
windings extends into at least three of said plurality of slots, said set of windings
having $2N+1$ phases where N is an integer greater than 1.

A3
19. (Amended) An alternator for an automotive vehicle comprising:
a housing;
a rotor rotatably disposed within said housing;
a brush electrically coupled to said rotor;
a stator core disposed within said housing adjacent to said rotor, said stator
core having slots;
a set of windings disposed within at least a plurality of said slots, said set of
windings having $2N+1$ phases where N is an integer greater than 1; and
a full wave rectifier circuit coupled to said set of windings, said rectifier circuit
comprising at least $2(2N+1)$ rectifying elements.